

# Pre - Calculus Algebra

M W F, 12:00-12:50, LDB 219

Instructor : Mr. Rutger Yager

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Office : Lee Drain Building 404

Office Hours : M W F 1:00pm - 2:00pm (or by appointment)

\*The information in this Syllabus is subject to change.\*

**Course Description:** Topics include a brief review of introductory algebra, variation, elementary theory of equations, functions (including exponential and logarithmic), inequalities, systems of equations, and other related topics.

**Prerequisite(s):** Passing score on the MATH TSI Assessment or equivalent.

**Credit Hours:** 3

**Text(s):** *College Algebra*, 8<sup>th</sup> Edition

**Author(s):** Aufmann; **ISBN-13:** 978-1-285-43477-3

## Course Objectives:

At the completion of this course, students will be able to:

1. Understand and use equations and inequalities for problem solving.
2. Create functions to model problems and graph them.
3. Understand the applications of Rational Functions, and graph them.
4. Understand exponential functions, and their inverse, the logarithm.

## Grade Distribution:

Assignments	20%
Quizzes	15%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Final Exam	20%

## Letter Grade Distribution:

$\geq 90.00$	A
80.00 - 89.99	B
70.00 - 79.99	C
60.00 - 69.99	D
$\leq 59.99$	F

## Extra Help:

### Academic Success Center:

Math Center  
Farrington 104  
(936) 294-1565

[www.shsu.edu/centers/academic-success-center/math/](http://www.shsu.edu/centers/academic-success-center/math/)

### Hours of operation:

#### Drop in tutoring (MATH 0333 - MATH 1420)

Sunday 2:00 pm - 7:00 pm

Monday – Thursday 8:00 am - 9:00 pm

Friday 8:00 am - 3:00 pm

#### Group Tutoring (MATH 1314 and MATH 1324)

Monday – Thursday 5:00 pm - 9:00 pm (New sessions start at the top of every hour)

#### Newton Gresham library (MATH 0333 - MATH 1420)

Monday – Wednesday 7:00 pm - 10:00 pm

#### Ada Lovelace Online Tutoring (A.L.O.T.)

By appointment only (For instructions check website)

## Course Policies:

### • General

- Computers, Cell phones, Tablets, E - readers are not to be used unless instructed to do so.
- Quizzes and exams are closed book, closed notes.
- Homework can and is encouraged to be worked on in groups.
- **No makeup homeworks, quizzes or exams will be given.**

### • Exams and Final

- Exams will be given in class on dates to be determined at a later date. (Expect one exam a month.)
- Students will be given the entire class time to complete the exam.
- Calculators will be allowed. You may **not** use a calculator with a Computer Algebra System.
- Students will be asked to put all their belongings at the front of the classroom prior to starting the exam.
- Students will be able to start the exam once they enter the room. Get there early, get started early.
- The final will be in class at the time that is given during exam week. Information will follow as the date approaches.

- **Quizzes**

- Quizzes will be given every Wednesday at the start of class (except for exam days). Most will be a 3-4 questions quiz.
- Students will have about 15-20 minutes to finish each quiz.
- Calculators are allowed. You may **not** use a calculator with a Computer Algebra System.
- If you leave class after a quiz, your grade will not be counted and you will receive a 0 for that quiz.
- Quizzes and exams are closed book, closed notes.
- The two lowest quiz grades will be dropped.

- **Assignments**

- Assignment problems will usually be given every class, but they will be due each Friday at the beginning of class.
- If a student leaves after handing in their homework, or does not have a valid reason for why they did not come to class to hand in their homework, then they will receive a 0 for that assignment.
- For book problems, students must write their name **clearly** at the top of each page. Students are required to **staple** multiple pages together prior to coming to class.
- NEATNESS COUNTS! If I can't read it, it will be marked wrong. Ambiguous answers will not be accepted. Stick to one answer and do your best.
- Assignments are encouraged to be worked on in groups, but each individual must turn in their own homework.
- Looking up answers on the Internet will be cause for academic dishonesty, students will be punished accordingly.
- Assignments will be graded more towards completeness rather than correctness of the questions. I am looking for you to learn from your mistakes and give honest effort toward the problems.
- The two lowest assignment grades will be dropped.

- **Grades**

- Grades in the **C** range represent performance that **meets expectations**; Grades in the **B** range represent performance that is **substantially better** than the expectations; Grades in the **A** range represent work that is **excellent**.
- Grades will be maintained on Blackboard. Students are responsible for tracking their progress by referring to the online gradebook.

- **Attendance and Absences**

- Attendance is expected every class unless noted by the instructor.
- Students are responsible for all missed work, regardless of the reason for absence. It is also the absentee's responsibility to get all missing notes or materials.
- EXTRA CREDIT : I will be taking attendance 5 random classes throughout the semester. If you were in class for all five days you will be given 5 free points that will be added to your final exam. If you are there four days you will be given 4 points, and so on.

- If you are going to be absent you must notify me 24 hours in advance. You must bring in a doctor's note, or other proof of absence the next class day.

### **Academic Honesty Policy Summary:**

You may work together on homework assignments and you may consult whatever sources you deem necessary while doing so as long as you do not perform plagiarism. The purpose of the homework is to LEARN-specifically, to better your understanding of the underlying concepts and to gain proficiency in using them to solve problems.

Quizzes and Exams, on the other hand, exist for you to DEMONSTRATE what you have learned. They are individual endeavors, where no help is to be given or received. Cheating on a quiz or exam includes, but is not limited to, sharing answers or using any form of cheat sheet (note: notes programmed into a calculator count as a cheat sheet). If I catch you cheating on a quiz or exam, I will forbid you from attending any further class meetings and assign you a grade of F in the course. You may also be referred to the dean on academic dishonesty charges

### **Grade Dispute Policy**

All grade issues need to be brought to my attention within one week of having your grade returned/posted.

### **Academic Dishonesty**

All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials. For a complete listing of the university policy, see: Dean of Student's Office

### **Student Absences on Religious Holy Days Policy**

Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Section 51.911 (a) (2) defines a religious holy day as: a holy day observed by a religion whose places of worship are exempt from property taxation under Section 11.20. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence. University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed. For a complete listing of the university policy, see: /dept/academic-affairs/documents/aps/students/861001.pdf

### **Students With Disabilities Policy**

It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should register with the Office of Services for Students with Disabilities located in the Lee Drain Annex (telephone 936- 294-3512, TDD 936-294-3786, and e-mail disability@shsu.edu). They

should then make arrangements with their individual instructors so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired. SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Services for Students with Disabilities and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: No accommodation can be made until you register with the Services for Students with Disabilities. For a complete listing of the university policy, see: <http://www.shsu.edu/dotAsset/7ff819c3-39f3-491d-b688-db5a330ced92.pdf>

### **Visitors in the Classroom**

Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.